United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SR00350BO

This certificate issued to:

Phoenix Heliparts, Inc.
3130 N. Oakland Street, Suite 110
Mesa, AZ 85215

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 27 of the Federal; Aviation Regulations.

Original Product - Type Certificate Number: H3WE
Make: MD Helicopters Inc. (MDHI)
Model: 369E, 369F, 369FF, 500N

Description of Type Design Change:

Installation of TSO articles EFD1000H PFD, EFD1000H MFD and/or EFD500H MFD manufactured by Aspen Avionics to replace traditional mechanical primary flight instruments in whole or in part installed per Master Data List PHP-MDL-368, Revision A dated December 8, 2014 or later FAA approved revision.

Limitations and Conditions:

1. Operation must be in accordance with Phoenix Heliparts Rotorcraft Flight Manual Supplement (RFMS) Document number PHP-FMS-368, Rev D, or later FAA approved revision.
   The RFMS must be carried in the aircraft during all flights.

(continued on Page 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: 12/06/2011
Date of Issuance: 12/19/2014

Date reissued:
Date amended:

By direction of the Administrator

Signature _____
Robert G. Mann

Manager, Boston Aircraft Certification Office
Title _____

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

SUPPLEMENTAL TYPE CERTIFICATE, FAA FORM 8110-2
(CONTINUED)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number:

To *(Name of transferee)*

(Address of transferee)

(Number and street)

(City, State, and ZIP Code)

From *(Name of grantor)*

(Address of grantor)

(Number and street)

(City, State, and ZIP Code)

Extent of Authority (if licensing agreement):

Date of Transfer:

Signature of grantor:

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Limitations and Conditions: (continued from Page 1 of 3)

2. Maintenance must be in accordance with Phoenix Heliparts Instructions for Continued Airworthiness (ICA), Document number PHP-ICA-368, Rev C, dated December 2, 2014, or later FAA accepted revision.

   The ICA must be made available to the operator at the time of installation.
3. Compatibility of this design with previously approved modifications must be determined by the installer.
4. This STC is not approved to operate in conjunction with an autopilot device.
5. Software may not be loaded in flight.

Certification Basis:
Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for design changes that are identified as not significant in FAA Order 8110.48, the certification basis for the MD Helicopters Inc. (MDHI) 369E, 369F, 369FF, 500N aircraft is as follows:

a. The type certification basis for parts **not changed or not affected** by the change is shown on TCDS H3WE.

b. The modification certification basis for parts **changed or affected** by the change since the reference application date, December 6, 2011, is based upon part 27 as amended by Amendment 27-46 as follows:

   Regulations at the latest amendment 27-0 through 27-46
   27.251 No Amdt, 27.301(a) No Amdt, 27.303 No Amdt, 27.305(a) No Amdt, 27.307(a) Amdt 27-26, 27.321 (a)(b)(1) Amdt 27-11, 27.561(a)(b)(3)(c) Amdt 27-32, 27.601(a)(b) No Amdt, 27.603(a)(b)(c) Amdt 27-16, 27.609(a)(1)(2)(3) No Amdt, 27.610(d) Amdt 27-46, 27.613(d) Amdt 27-26, 27.625 Amdt 27-35, 27.771(a)(c) No Amdt, 27.773(a)(1)(b) No Amdt, 27.777(a)(b) No Amdt, 27.853(a) Amdt 27-37, 27.1301(a)(b)(c)(d) No Amdt, 27.1303(a)(b)(c) No Amdt, 27.1307 No Amdt, 27.1309(a)(c) Amdt 27-46, 27.1316(b) Amdt 27-46, 27.1317(b)(c) Amdt 27-42, 27.1321(a)(b)(c) Amdt 27-13, 27.1322(b) Amdt 27-11, 27.1323(a)(b) Amdt 27-13, 27.1327(a) Amdt 27-13, 27.1351(a)(b)(1)(i) Amdt 27-13, 27.1357(a) Amdt 27-13, 27.1367(a)(b)(c) No Amdt, 27.1381(a)(b)(1)(2) No Amdt,

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27.1501(a)(b) Amdt 27-14, 27.1525 Amdt 27-21, 27.1529 Amdt 27-18, 27.1541 No Amdt, 27.1543(b) No Amdt, 27.1545 Amdt 27-16, 27.1547 Amdt 27-13, 27.1559 Amdt 27-21, 27.1581(a)(1)(2)(b)(d) Amdt 27-14, 27.1583(e) Amdt 27-16, 27.1585(a) Amdt 27-21

Regulations at an intermediate amendment

27.1365(a)(b)(c) No Amdt

Regulations at the amendment level in TCDS H3WE

None

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